Eclipſis Lunae Obſervata Dublinii, Novembris 19no. 1686. a Dno. Gulielmo Molineux Reg. Soc. S. & ab eodem Regiae Societati communicata.

	H.	M.	S.	
Penumbra notabilis	9	15	00	
Initium ob interpoſitas Nubes præciſe determinare haud licuit, ideoq; incertius pono Eclipſin incepiſſe ad 9h. 25m. vel	9	27	00	*
Umbra ad Paludem Maræotim	9	38	20	
Palus Maræotis tecta	9	40	20	*
Mons Sinai *Tegitur*	9	46	30	*
Mons Thambes *Tectus*	10	1	20	*
Mons Audus *Tegitur*	10	8	00	*
Mons Neptunus *Tectus*	10	14	00	*
Umbra ad Montem Sipylum	10	15	10	*
Inſula Circinna tegitur	10	16	40	
Ad Montem Didymum	10	18	20	*
Mons Didymus *tegitur*	10	20	10	
Emergit M. Audus	10	23	00	
Umbra ad paludem Maræotim.	10	48	30	
Emergit Maræotis	10	52	00	
Ad Montem Sinai	11	38	00	
Emergit Sinai	11	39	30	
Finis Eclipſis	12	4	00	

Notanda.

Tempora ſunt Horologii Oſcillatorii ad Stellas fixas rectificati.

Quæ Aſteriſmo Notantur Obſervationes, per hiantes Nubes captæ ſunt, adeoq; accuratas haberi nolo.

Quantitatem hujus Eclipſis ſex puto Digitorum.

Calculum quod ſpectat, in Initio determinando, Ephemerides Gallicæ (La Conoiſſance des Temps) *ad veritatem propius accedunt quam* Anglicæ (Societati Regiæ dicatæ) *Illæ enim Initium*

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Initium ponunt ad 9h. 31m. *hæ vero ad* 9h. 38m. *Meridianorum habito reſpectu.*

In aſſignandis autem Medio, Fine, Quantitate & Duratione Ephemerides Anglicæ Gallicis *ſunt accuratiores; Finis enim ab* Anglicis *ponitur ad* 12h. 14m. *a* Gallicis *vero ad* 12h. 29*m*. *Quantitas ab illis ſupputata ſex fere Digitorum; ab his* 7¼ Dig.

A further Aſſertion of the Propoſitions concerning the Magnitude, &c. *of* London, *contained in two Eſſays in Political Arithmetic; mentioned in* Philoſ. Tranſact. *Numb.* 183; *together with a Vindication of the ſaid Eſſays from the Objections of ſome Learned Perſons of the* French *Nation, by Sr.* W. Petty *Knt.* R.S.S.

1. IT could not be expected that an Aſſertion of *Londons* being bigger than *Paris* and *Roven*, or than *Paris* and *Rome* put together, and bigger than any City of the World, ſhould ſcape uncontradicted, and 'tis expected that I (if continuing in that Perſwaſion) ſhould make ſome Reply to theſe contradictions.

2. I begin with the Ingenious Author of the *Novelles de la Republique des Lettres*, who ſaith that *Rey* in *Perſia* is far bigger than *London*; for that in the 6*th*. Century of Chriſtianity (I ſuppoſe *An.* 550) It had 15000, or rather 44 thouſand *Moſchees* or *Mahometan Temples*. To which I reply, that I hope this Objector is but in jeſt, for that *Mahomet* was not borne till about the Year 570, and had no *Moſchees* till about 50 Years after.

3. The next is the excellent *Monſieur Auzout* from *Rome*, who is content, that *London*, *Weſtminſter*, and *Southwark* with the contiguous Houſing may have as many People as *Paris* and its Suburbs; and but faintly denyeth, that all the Houſing within the Bills, may have almoſt as many People as *Paris* and *Roven*, but ſaith that ſeveral Pariſhes inſerted